

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112056.D
 Acq On : 14 Jan 2019 17:46
 Operator : JU/SJ
 Sample : K1135-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	9	13	18	rVB	70356	99441	2.45%	0.217%
2	5.087	506	510	516	rBV	160792	191249	4.71%	0.418%
3	5.504	577	581	585	rBV	3171652	2949804	72.69%	6.449%
4	6.034	664	671	675	rVB3	28824	41224	1.02%	0.090%
5	6.122	681	686	692	rBV3	65701	89459	2.20%	0.196%
6	6.310	713	718	723	rBV3	37346	63401	1.56%	0.139%
7	6.404	731	734	736	rBV3	63575	66622	1.64%	0.146%
8	6.516	748	753	758	rBV2	2729508	4057845	100.00%	8.871%
9	6.645	770	775	778	rBV	3284039	2888516	71.18%	6.315%
10	6.692	781	783	788	rBV2	88559	101067	2.49%	0.221%
11	6.869	809	813	820	rVB	1148216	1076724	26.53%	2.354%
12	6.928	820	823	828	rBV2	72222	78212	1.93%	0.171%
13	7.022	835	839	846	rBV	2286257	2256578	55.61%	4.933%
14	7.139	857	859	862	rVB	65157	60133	1.48%	0.131%
15	7.186	862	867	869	rVB2	64907	74693	1.84%	0.163%
16	7.280	875	883	890	rBV	883815	922921	22.74%	2.018%
17	7.428	898	908	911	rBV	2509287	2414224	59.50%	5.278%
18	7.516	918	923	926	rBV5	55753	84622	2.09%	0.185%
19	7.639	936	944	946	rBV3	61180	102847	2.53%	0.225%
20	7.663	946	948	953	rVB2	72308	87027	2.14%	0.190%
21	7.792	968	970	974	rVB3	43643	46520	1.15%	0.102%
22	7.969	997	1000	1005	rVB6	32320	43522	1.07%	0.095%
23	8.098	1017	1022	1026	rBV4	27782	51622	1.27%	0.113%
24	8.151	1026	1031	1034	rVV	1142360	1134959	27.97%	2.481%
25	8.210	1038	1041	1044	rVB	123080	105497	2.60%	0.231%
26	8.239	1044	1046	1049	rBV2	49041	46982	1.16%	0.103%
27	8.445	1072	1081	1087	rBV8	85050	163154	4.02%	0.357%
28	8.504	1087	1091	1093	rBV4	78513	84089	2.07%	0.184%
29	8.569	1099	1102	1105	rBV	133614	136069	3.35%	0.297%
30	8.657	1114	1117	1119	rBV2	49084	46233	1.14%	0.101%
31	8.739	1129	1131	1134	rBV2	64191	57219	1.41%	0.125%
32	8.863	1150	1152	1154	rBV	114075	76796	1.89%	0.168%
33	8.927	1160	1163	1166	rBV3	75801	85633	2.11%	0.187%
34	8.963	1166	1169	1173	rVB	81609	84387	2.08%	0.184%

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35	9.057	1182	1185	1189	rVB5	52287	69345	1.71%	0.152%
36	9.110	1189	1194	1196	rBV5	34164	60553	1.49%	0.132%
37	9.169	1202	1204	1208	rVB2	147043	131842	3.25%	0.288%
38	9.222	1209	1213	1217	rBV	3609273	3293195	81.16%	7.199%
39	9.304	1224	1227	1230	rBV	86704	103550	2.55%	0.226%
40	9.339	1230	1233	1236	rVB	84289	83300	2.05%	0.182%
41	9.492	1255	1259	1262	rBV2	81018	92687	2.28%	0.203%
42	9.563	1268	1271	1273	rBV	71113	60257	1.48%	0.132%
43	9.586	1273	1275	1277	rVV2	54655	52364	1.29%	0.114%
44	9.616	1277	1280	1284	rVB	1154876	1006765	24.81%	2.201%
45	9.774	1303	1307	1309	rBV4	42153	55915	1.38%	0.122%
46	9.816	1312	1314	1316	rBV	55998	48010	1.18%	0.105%
47	9.904	1322	1329	1333	rBV2	1308703	1219945	30.06%	2.667%
48	10.010	1344	1347	1351	rBV	40118	52199	1.29%	0.114%
49	10.069	1351	1357	1359	rBV6	35145	60216	1.48%	0.132%
50	10.104	1359	1363	1368	rVV3	78965	111980	2.76%	0.245%
51	10.145	1368	1370	1376	rVV3	45932	70222	1.73%	0.154%
52	10.221	1380	1383	1385	rBV2	67111	65414	1.61%	0.143%
53	10.316	1395	1399	1400	rBV2	89768	98875	2.44%	0.216%
54	10.333	1400	1402	1405	rVB2	70157	51288	1.26%	0.112%
55	10.445	1419	1421	1424	rBV3	61035	67389	1.66%	0.147%
56	10.557	1434	1440	1445	rBV3	170292	226011	5.57%	0.494%
57	10.698	1460	1464	1467	rBV	2262857	1942425	47.87%	4.246%
58	10.821	1480	1485	1488	rBV2	296407	341605	8.42%	0.747%
59	10.892	1494	1497	1500	rBV3	81609	83124	2.05%	0.182%
60	10.998	1511	1515	1517	rBV5	53286	76860	1.89%	0.168%
61	11.027	1518	1520	1524	rVV5	52123	58391	1.44%	0.128%
62	11.133	1536	1538	1542	rBV3	47894	64745	1.60%	0.142%
63	11.286	1561	1564	1569	rVB	188259	190076	4.68%	0.416%
64	11.392	1578	1582	1585	rBV	1170384	1042055	25.68%	2.278%
65	11.416	1585	1586	1589	rVB	157670	87064	2.15%	0.190%
66	11.892	1665	1667	1669	rBV	103400	83276	2.05%	0.182%
67	11.921	1669	1672	1676	rVV	330192	302449	7.45%	0.661%
68	12.004	1684	1686	1688	rVV	128858	96256	2.37%	0.210%
69	12.027	1688	1690	1694	rVB	143434	129390	3.19%	0.283%
70	12.092	1698	1701	1703	rBV2	74085	76386	1.88%	0.167%
71	12.221	1721	1723	1726	rVB	112773	88612	2.18%	0.194%

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72	12.315	1737	1739	1741	rBV2	87044	104126	2.57%	0.228%
73	12.339	1741	1743	1746	rVB	304217	232897	5.74%	0.509%
74	12.374	1746	1749	1751	rBV	109713	120415	2.97%	0.263%
75	12.445	1759	1761	1764	rVB	170398	150835	3.72%	0.330%
76	12.474	1764	1766	1770	rVB4	126343	125201	3.09%	0.274%
77	12.604	1786	1788	1793	rBV	87979	118548	2.92%	0.259%
78	12.645	1793	1795	1798	rVB	582514	491610	12.12%	1.075%
79	12.974	1846	1851	1854	rBV	2215986	2136156	52.64%	4.670%
80	13.115	1872	1875	1878	rVB	431686	337744	8.32%	0.738%
81	13.480	1934	1937	1942	rVB	236686	229271	5.65%	0.501%
82	13.551	1947	1949	1954	rVB5	201119	256952	6.33%	0.562%
83	13.662	1965	1968	1974	rVB	637600	579117	14.27%	1.266%
84	13.792	1988	1990	1995	rVB2	351842	337697	8.32%	0.738%
85	13.868	1999	2003	2010	rVV2	581386	953559	23.50%	2.085%
86	14.033	2028	2031	2034	rVB	908657	783845	19.32%	1.714%
87	14.315	2073	2079	2082	rBV	788953	958357	23.62%	2.095%
88	14.498	2108	2110	2115	rVB2	325272	337886	8.33%	0.739%
89	14.951	2184	2187	2190	rVB	381811	353186	8.70%	0.772%
90	15.145	2218	2220	2223	rBV	183122	162896	4.01%	0.356%
91	15.462	2270	2274	2279	rBV5	125291	266085	6.56%	0.582%
92	15.515	2279	2283	2287	rVV	632932	811312	19.99%	1.774%
93	15.651	2304	2306	2311	rVB5	141363	180253	4.44%	0.394%
94	15.945	2354	2356	2358	rBV2	121861	118130	2.91%	0.258%
95	17.339	2590	2593	2607	rVB4	174781	426746	10.52%	0.933%
96	17.680	2644	2651	2662	rVB4	573737	1421017	35.02%	3.107%
97	17.939	2687	2695	2710	rVB2	764466	2135447	52.63%	4.668%

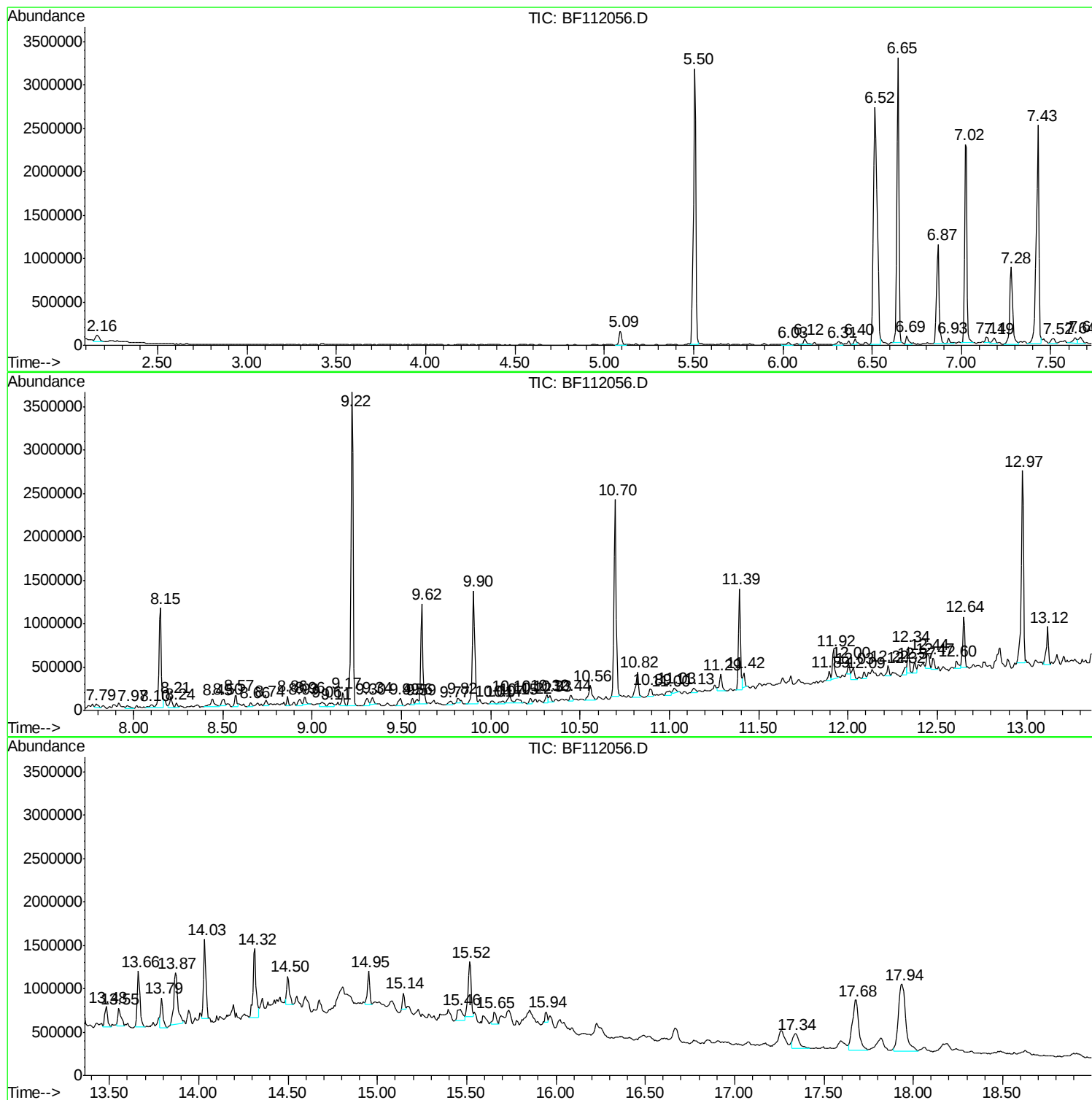
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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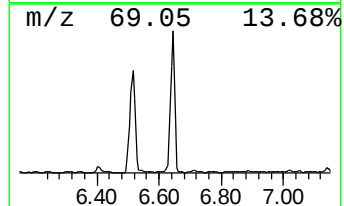
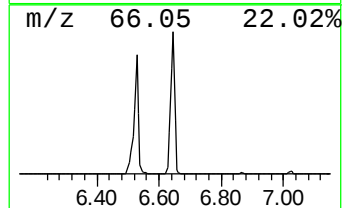
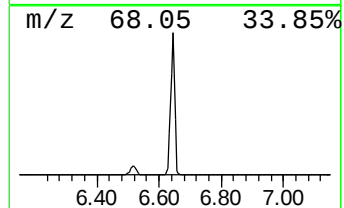
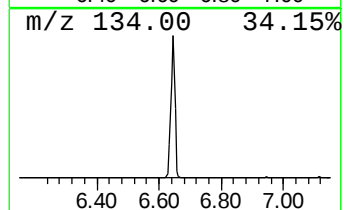
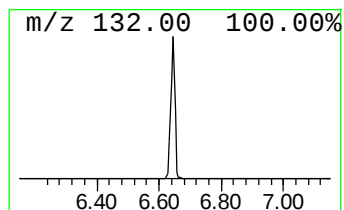
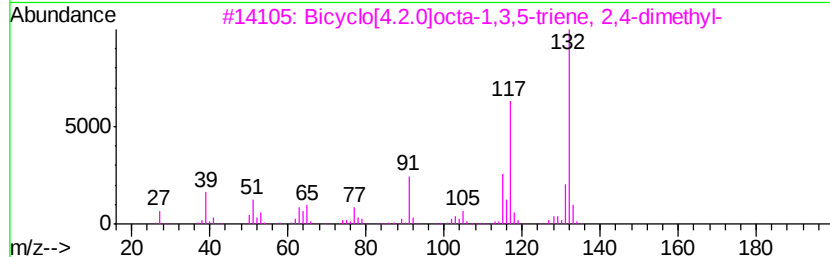
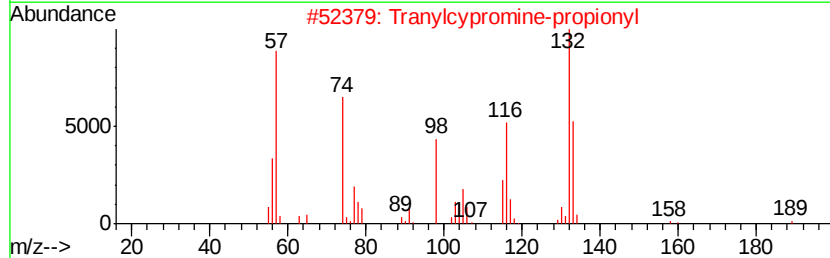
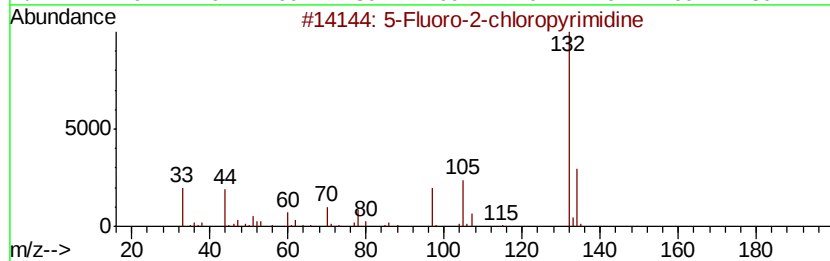
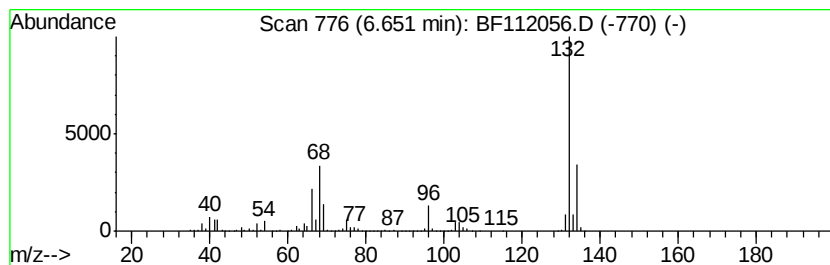
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	53.65 ng	2888520	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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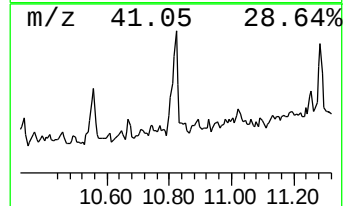
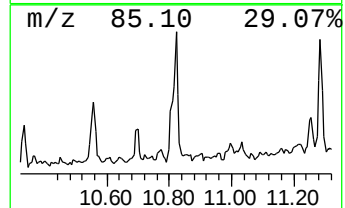
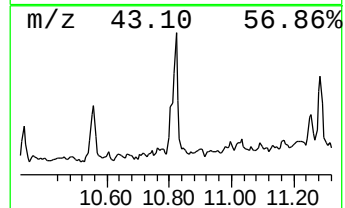
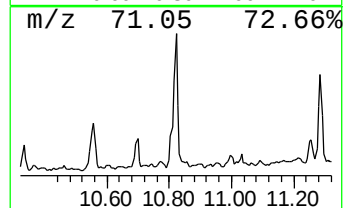
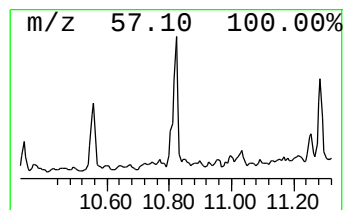
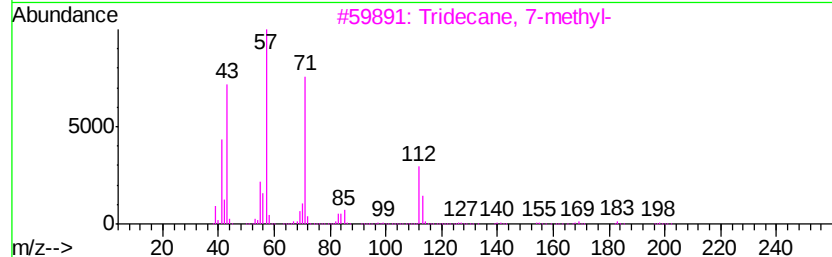
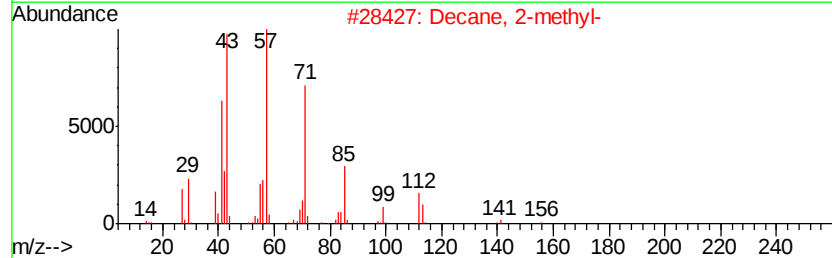
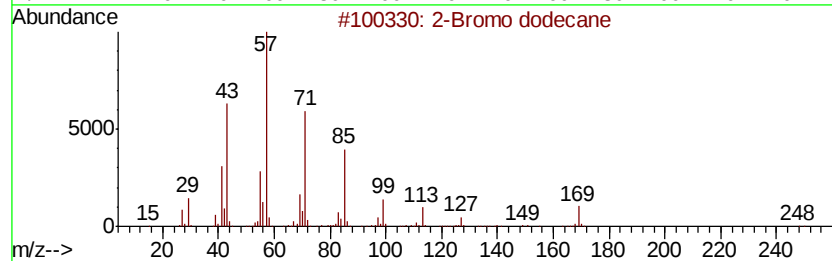
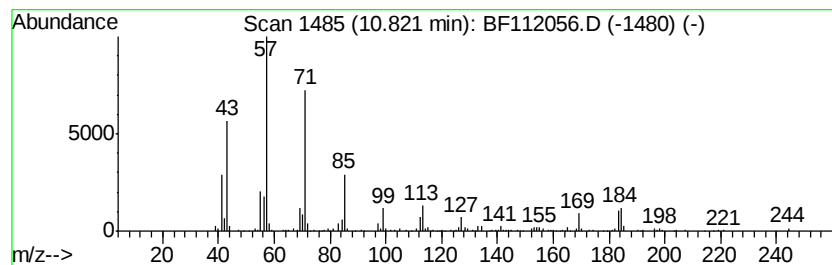
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.82	6.56 ng	341605	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
2	Decane, 2-methyl-	156	C11H24	006975-98-0	68
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	60
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58



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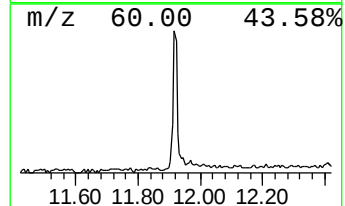
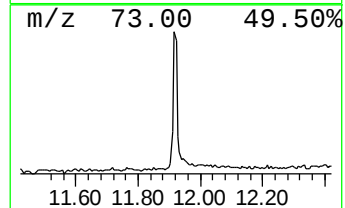
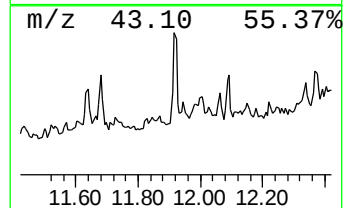
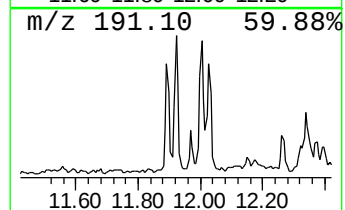
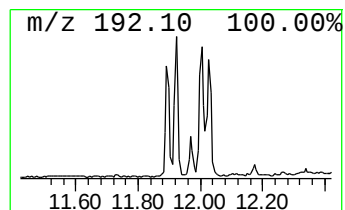
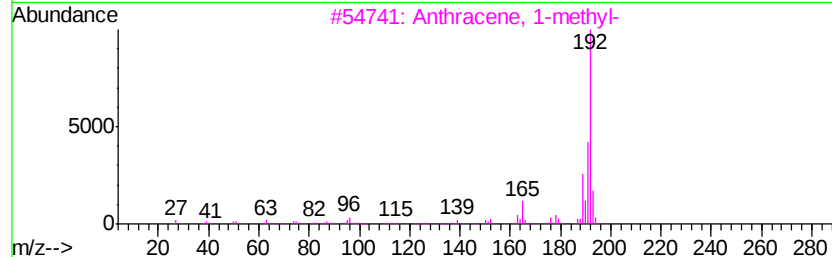
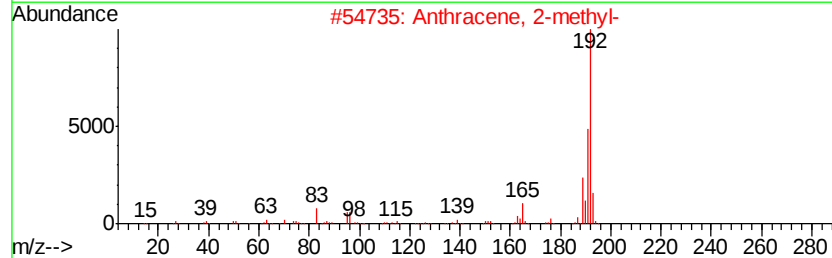
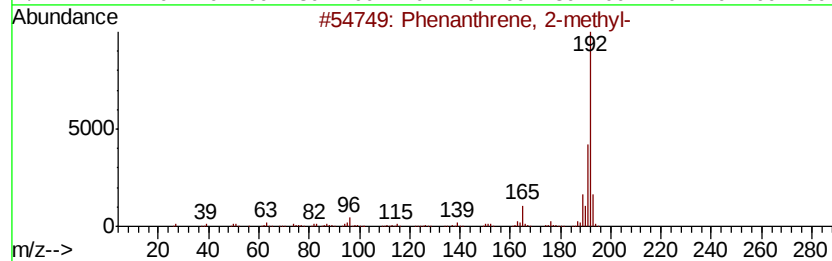
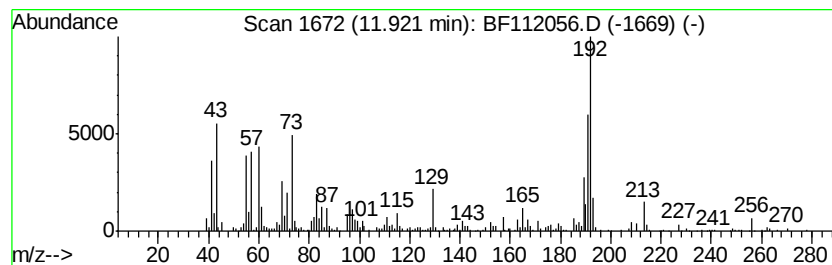
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	5.80 ng	302449	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

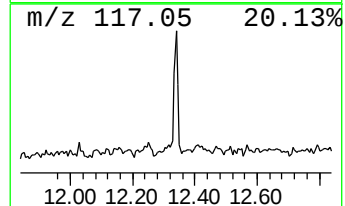
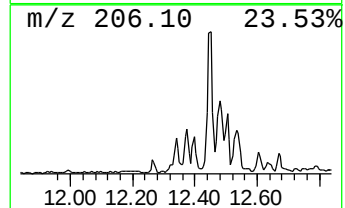
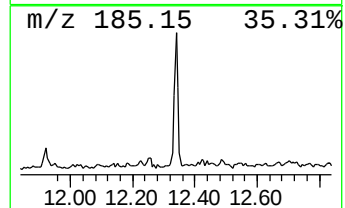
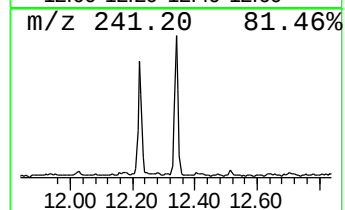
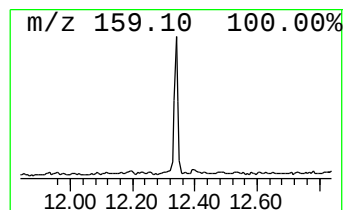
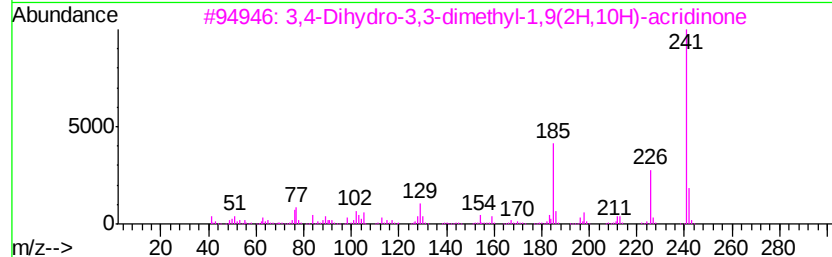
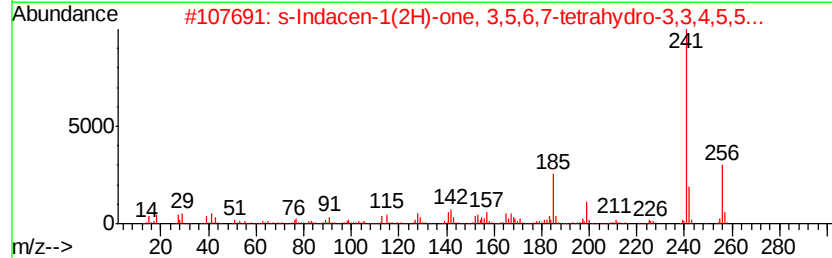
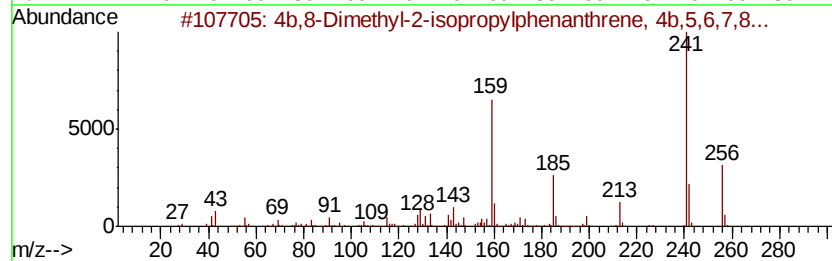
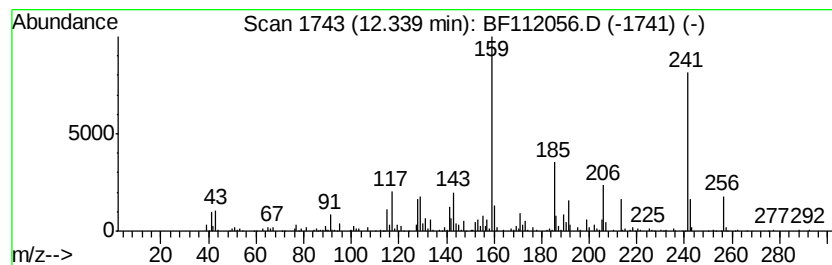
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ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	4.47 ng	232897	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	64
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	30
4	Pyrido[1,2-a]benzimidazole-4-car...	241	C13H8ClN3	121105-78-0	30
5	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

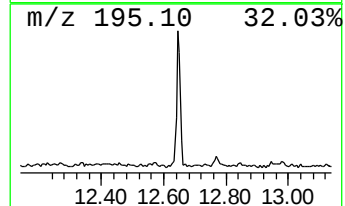
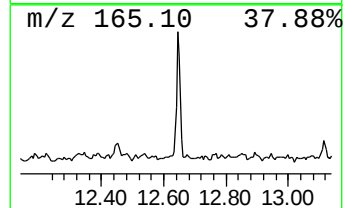
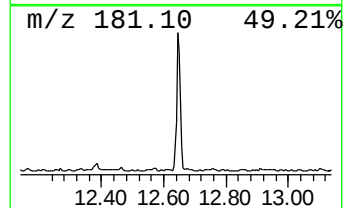
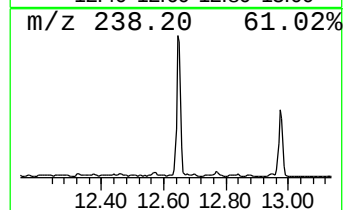
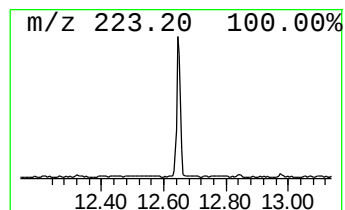
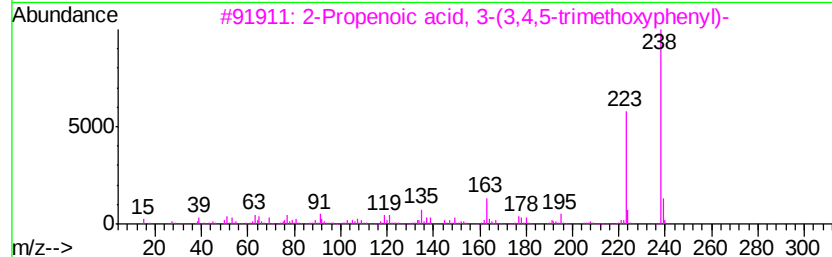
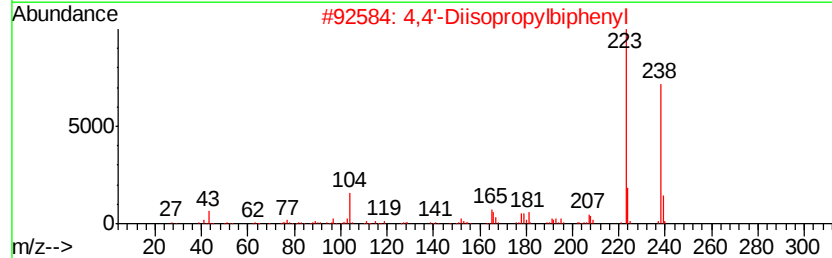
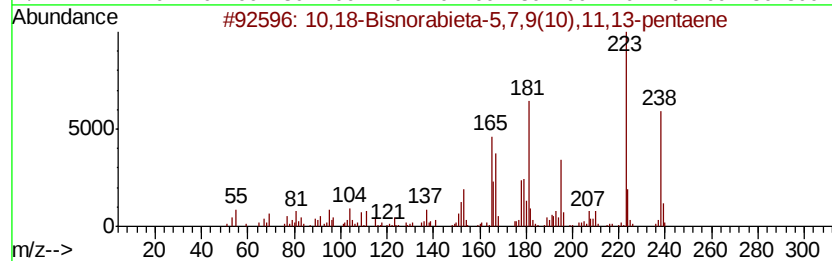
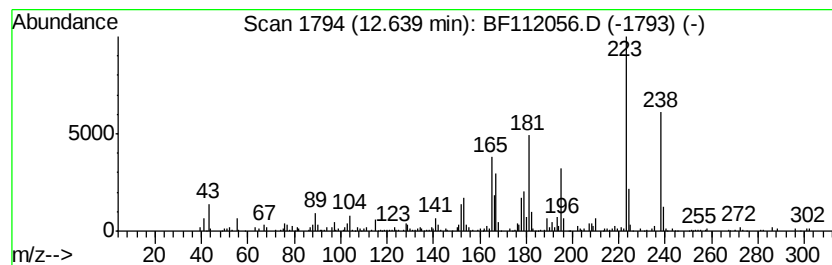
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.64	9.44 ng	491610	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
3	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	53
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	52
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
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Sample : K1135-02
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CPSB-19(15-20)

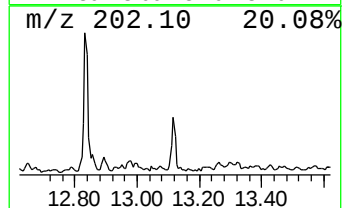
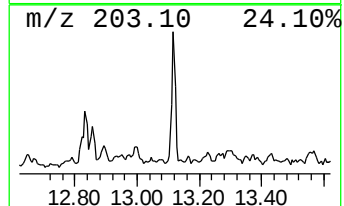
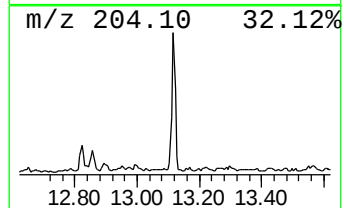
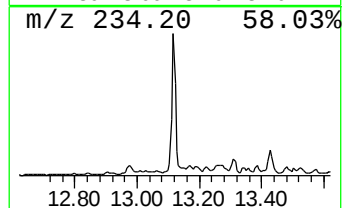
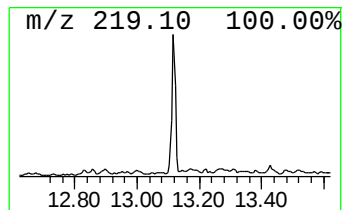
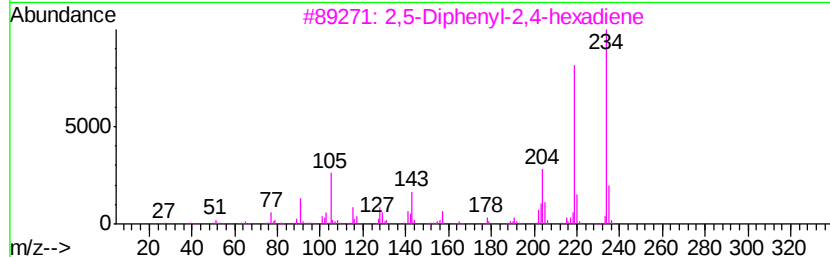
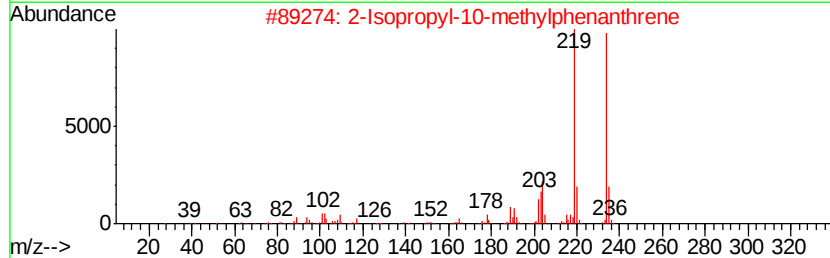
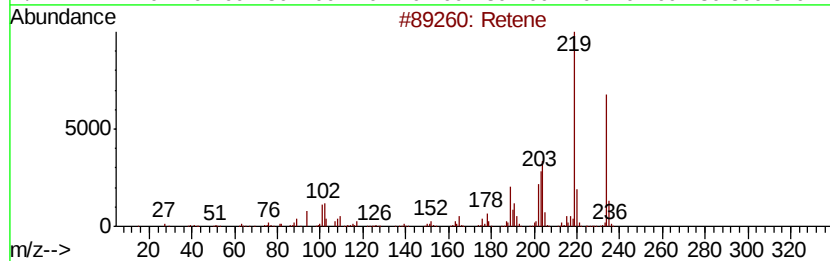
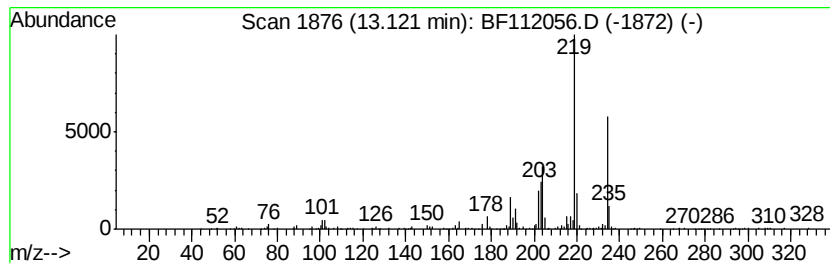
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Retene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	8.62 ng	337744	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene		234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene		234	C18H18	066552-97-4	95
3	2,5-Diphenyl-2,4-hexadiene		234	C18H18	016819-47-9	74
4	2,3,5,6-Tetrahydrocyclohexanon...		234	C15H22O2	101100-38-3	53
5	Benzene, 1,3-bis(1,1-dimethyleth...		234	C16H26O	001518-53-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

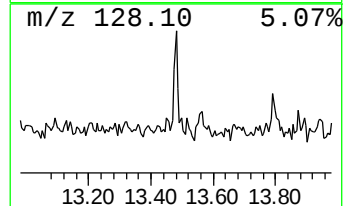
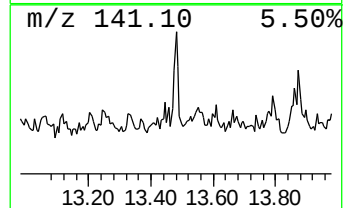
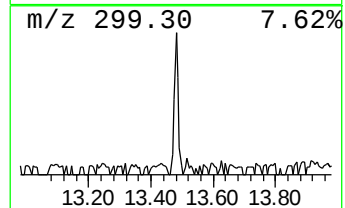
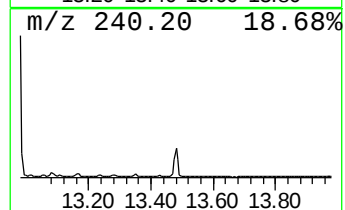
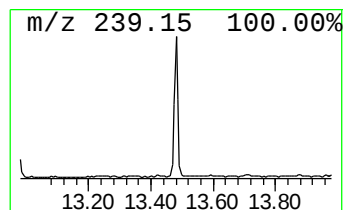
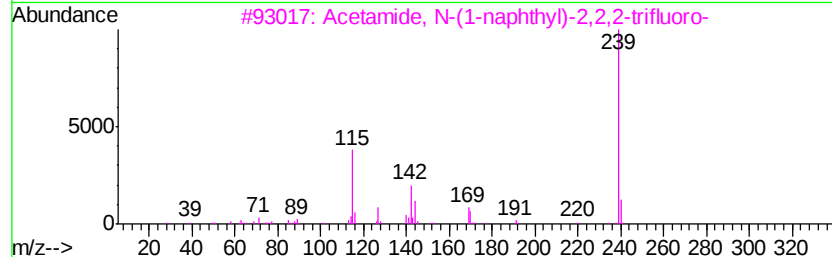
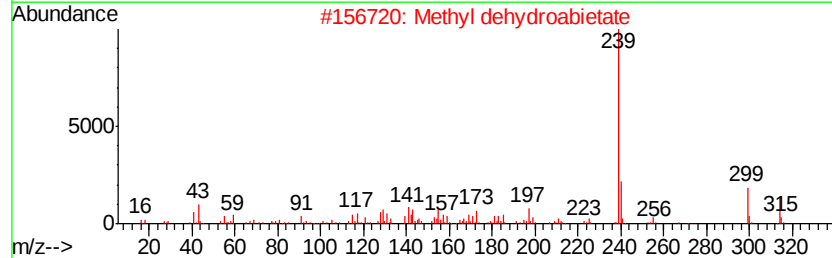
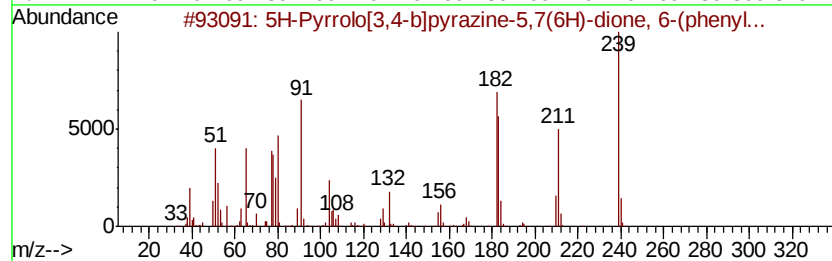
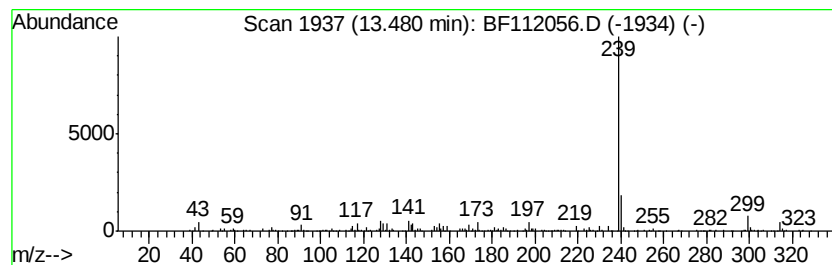
Instrument :
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ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 5H-Pyrrolo[3,4-b]pyrazine-5... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.48	5.85 ng	229271	Chrysene-d12	14.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo[3,4-b]pvrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	94
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	90
3	Acetamide, N-(1-naphthyl)-2,2,2-...	239	C12H8F3NO	1000307-31-6	64
4	Imidazo[2,1-b]lthiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	59
5	Indole, 3-imidazo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
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Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

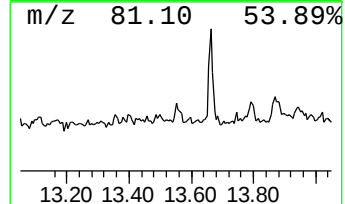
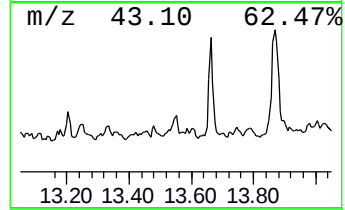
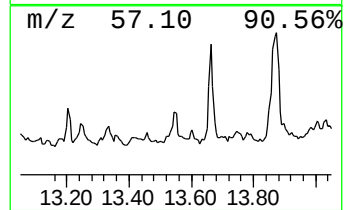
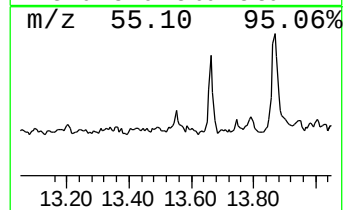
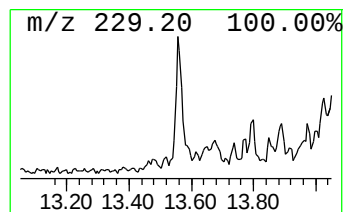
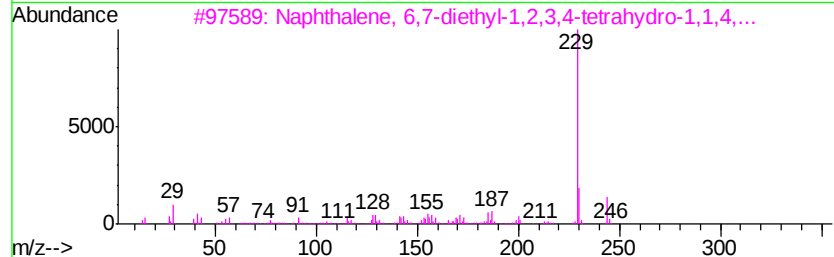
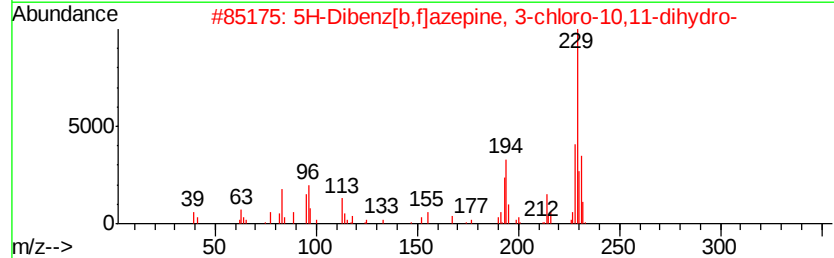
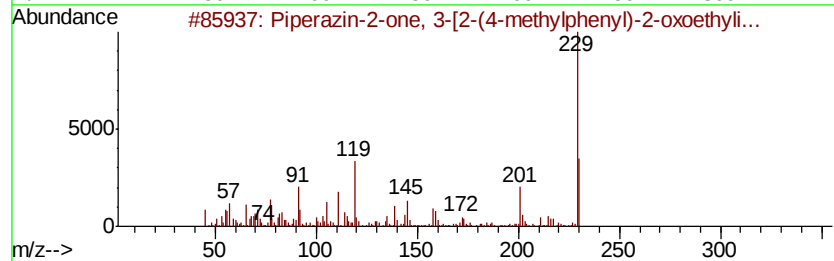
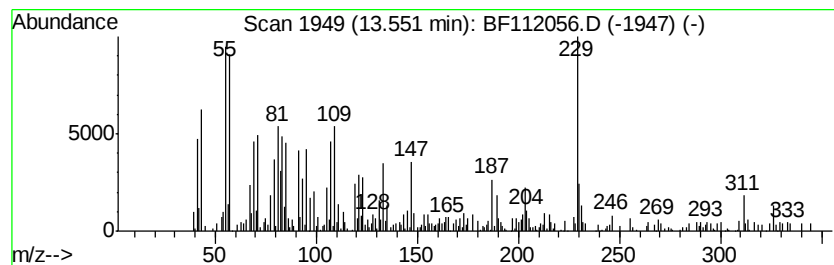
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown13.55 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.55	6.56 ng	256952	Chrysene-d12	14.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Piperazin-2-one, 3-[2-(4-methylp...	230	C13H14N2O2	063656-21-3	35
2		5H-Dibenz[b,f]azepine, 3-chloro-...	229	C14H12ClN	032943-25-2	25
3		Naphthalene, 6,7-diethyl-1,2,3,4...	244	C18H28	055741-10-1	18
4		Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	14
5		Indan, 6-tert-butyl-1,1,3,4-tetr...	300	C22H36	029577-23-9	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
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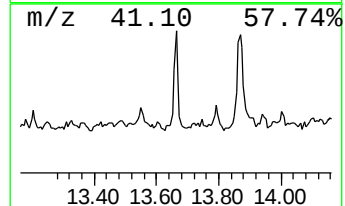
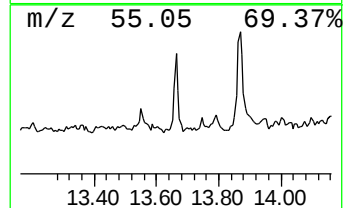
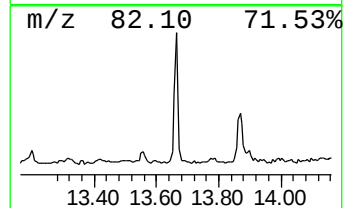
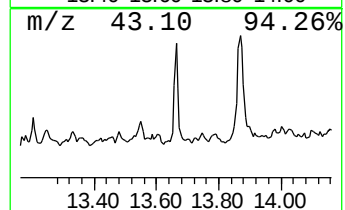
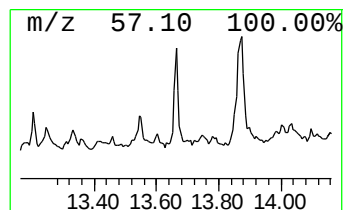
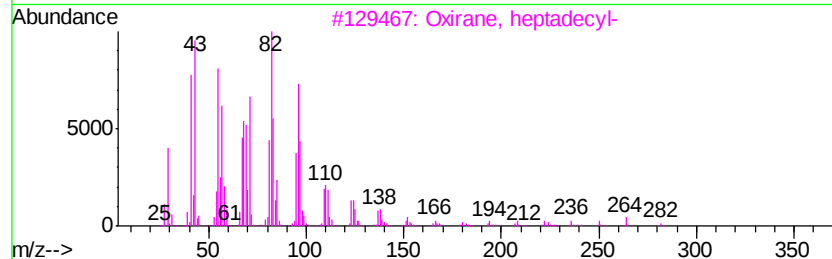
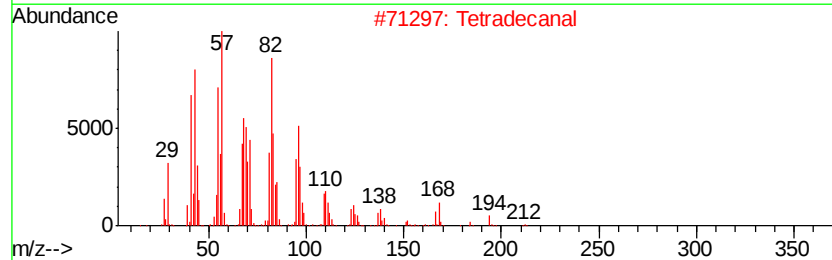
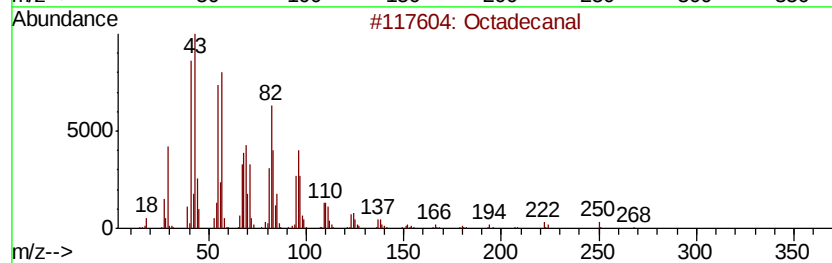
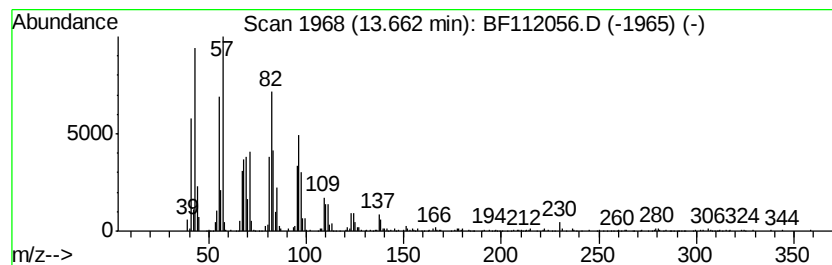
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ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.66	14.78 ng	579117	Chrysene-d12		14.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanal	268	C18H36O	000638-66-4	93
2		Tetradecanal	212	C14H28O	000124-25-4	90
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5		Oxirane, tetradecyl-	240	C16H32O	007320-37-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
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Sample : K1135-02
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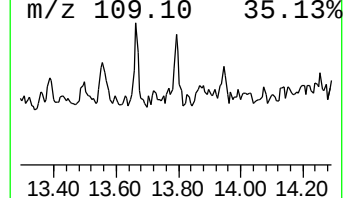
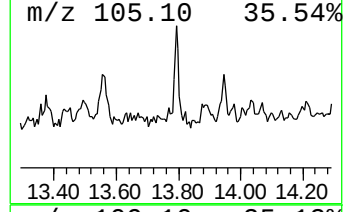
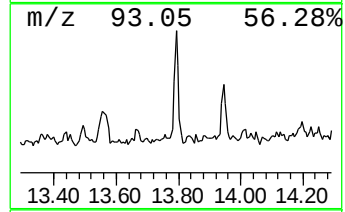
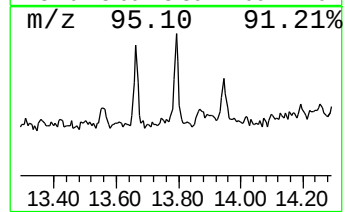
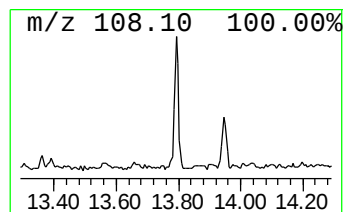
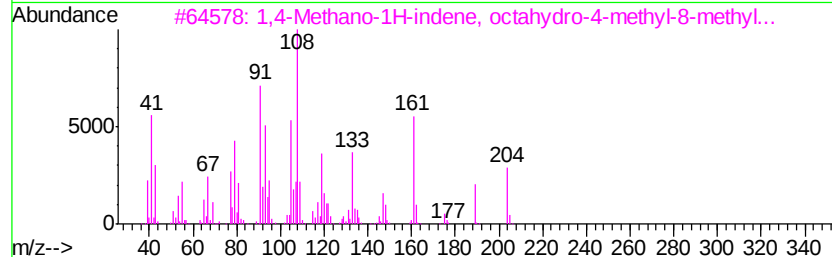
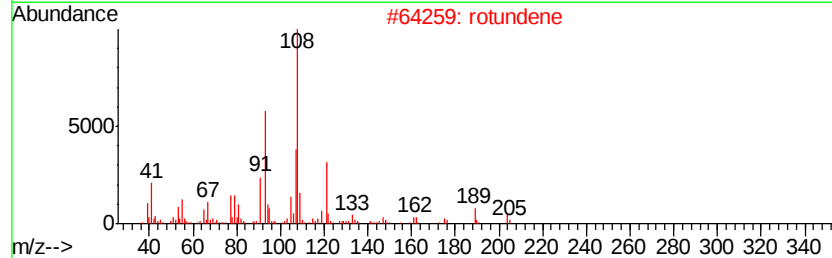
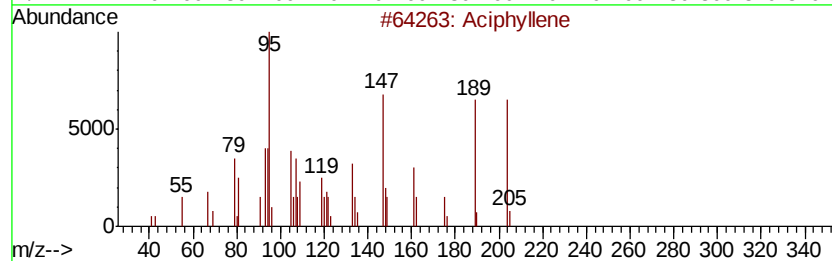
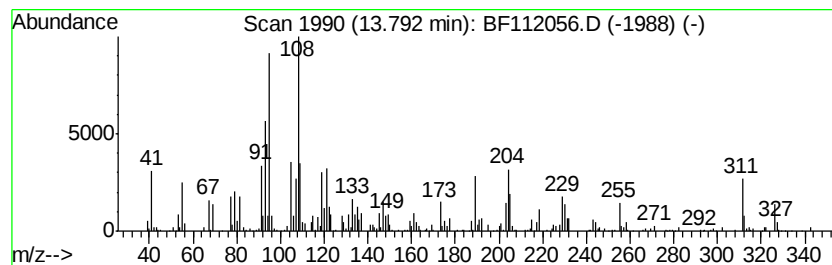
Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown13.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	8.62 ng	337697	Chrysene-d12	14.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aciphyllene	204	C15H24	087745-31-1	46
2	rotundene	204	C15H24	1000374-17-0	38
3	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	38
4	2-Furoic acid, 2,7-dimethyloct-7...	246	C15H18O3	1000299-23-8	25
5	(4,6-Dimethylpyrimidin-2-yl)(5-m...	204	C9H12N6	1000317-06-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

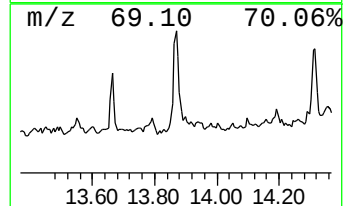
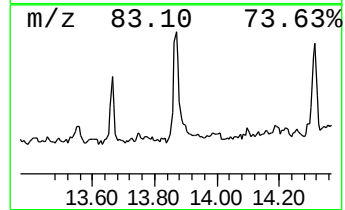
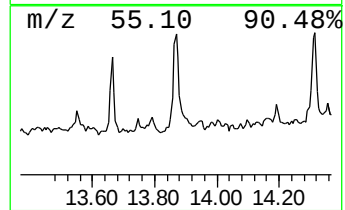
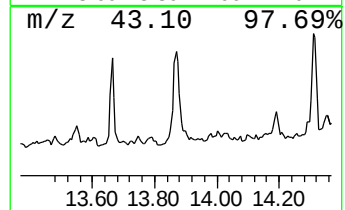
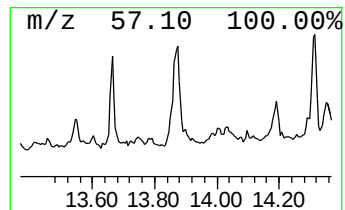
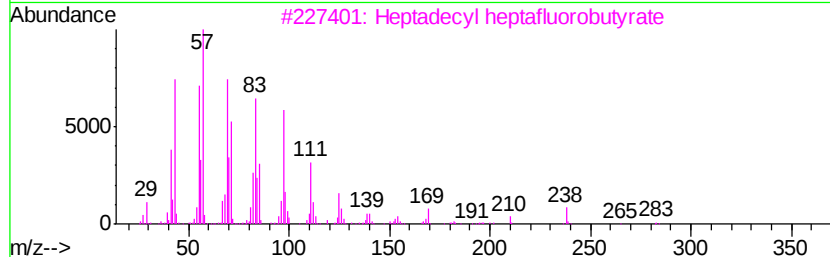
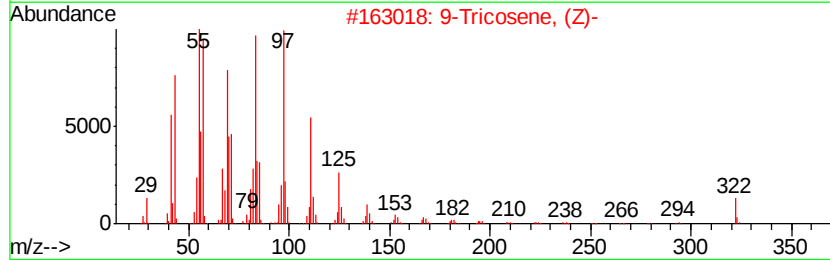
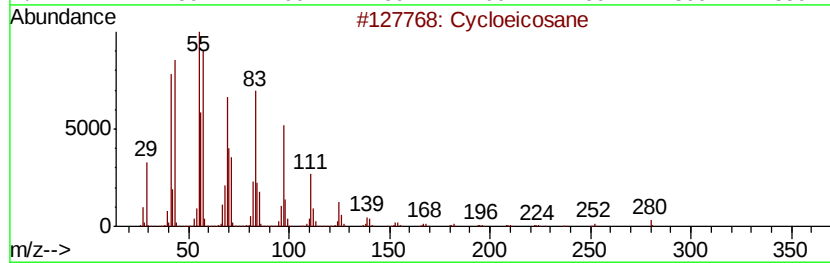
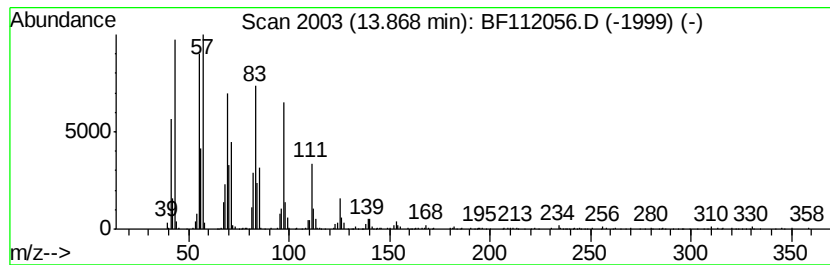
Instrument :
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ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	24.33 ng	953559	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 98
2		9-Tricosene, (Z)-	322 C23H46	027519-02-4 95
3		Heptadecyl heptafluorobutvrate	452 C21H35F7O2	959085-66-6 93
4		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91
5		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

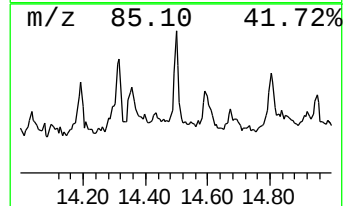
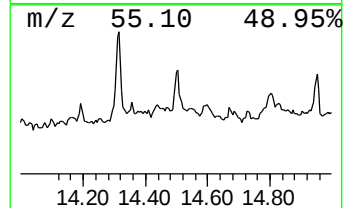
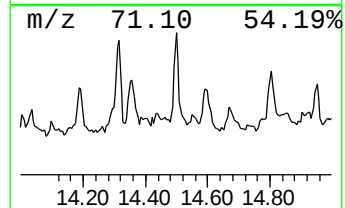
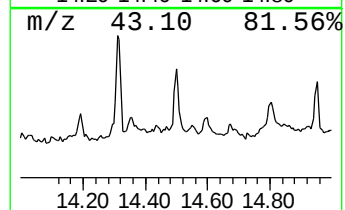
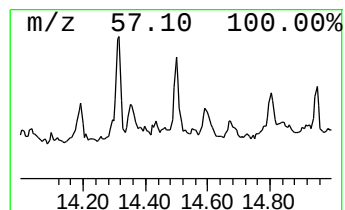
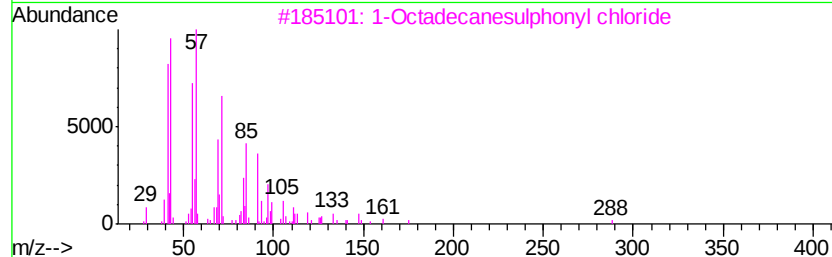
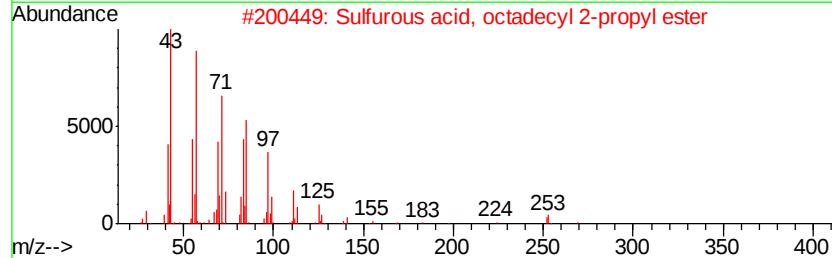
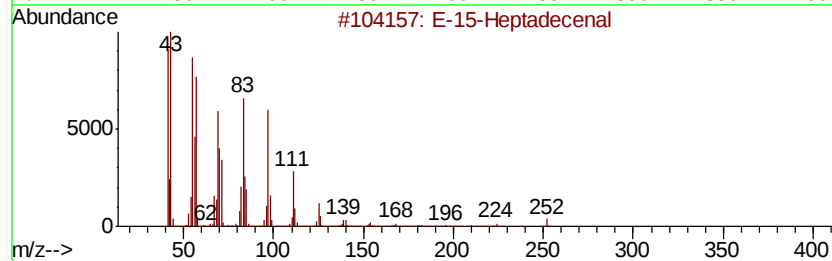
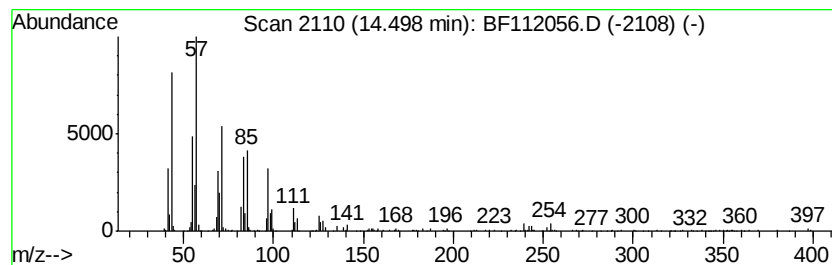
Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 E-15-Heptadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	8.62 ng	337886	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-15-Heptadecenal	252 C17H32O	1000130-97-9	90
2	Sulfurous acid, octadecyl 2-prop...	376 C21H44O3S	1000309-12-7	83
3	1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4	80
4	Eicosane	282 C20H42	000112-95-8	70
5	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

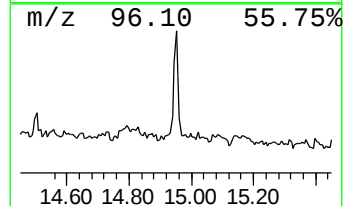
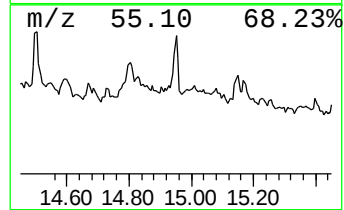
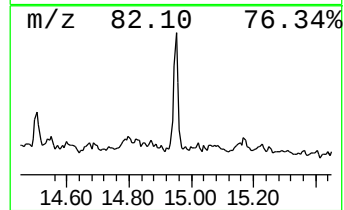
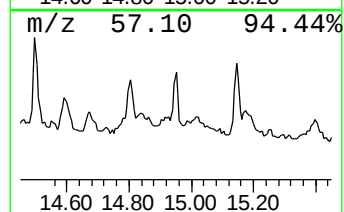
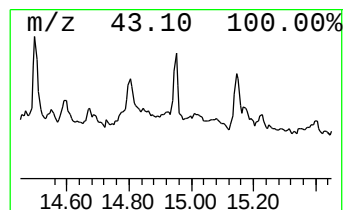
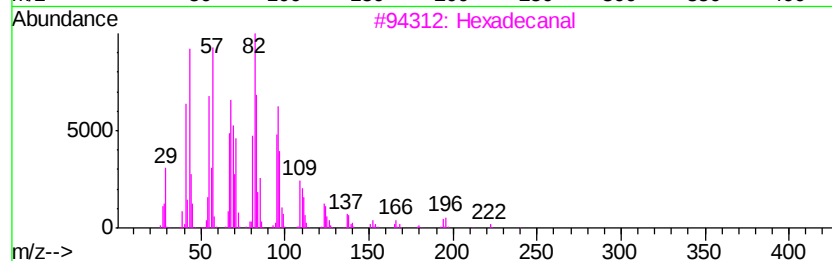
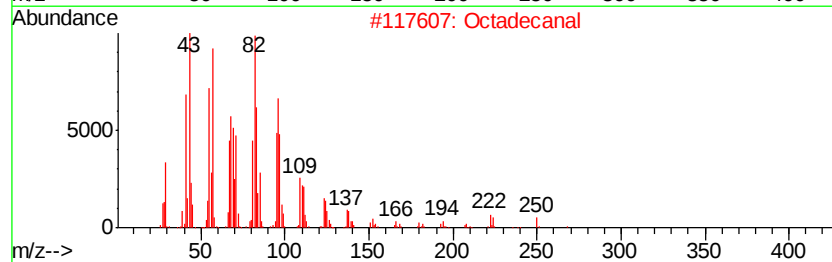
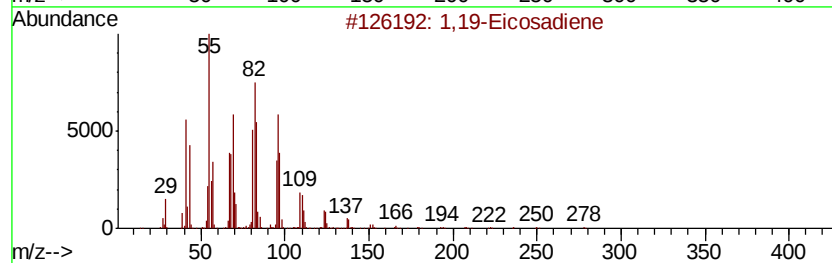
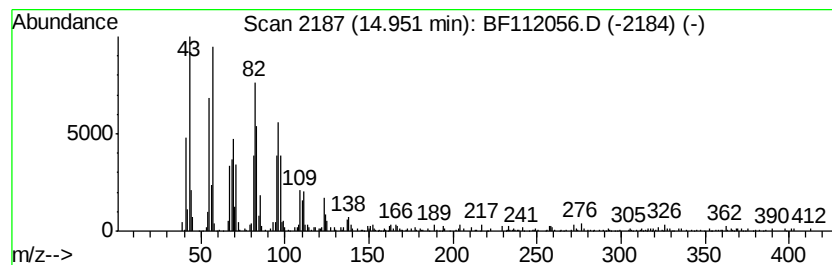
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ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,19-Eicosadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.95	8.71 ng	353186	Perylene-d12		15.52	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,19-Eicosadiene	278	C20H38	014811-95-1	95
2		Octadecanal	268	C18H36O	000638-66-4	90
3		Hexadecanal	240	C16H32O	000629-80-1	86
4		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

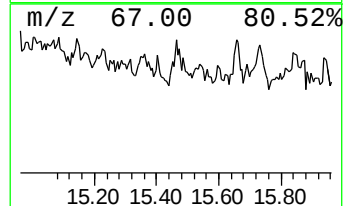
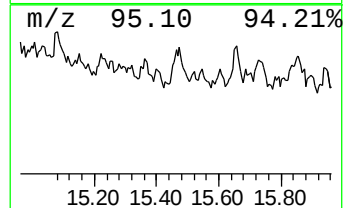
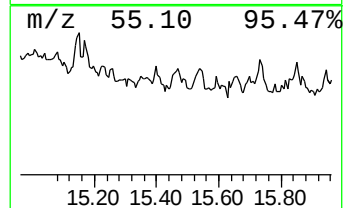
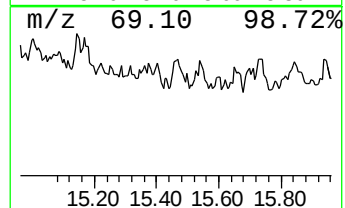
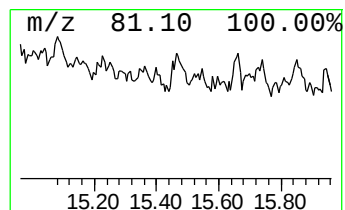
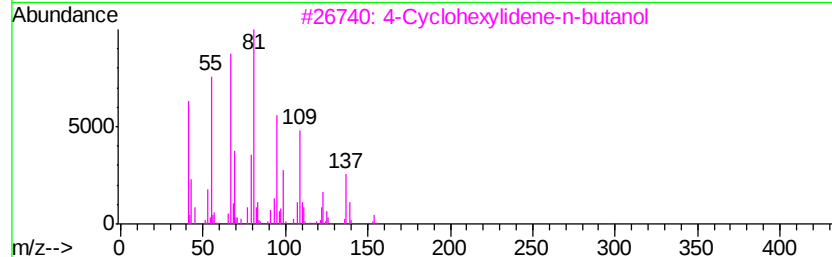
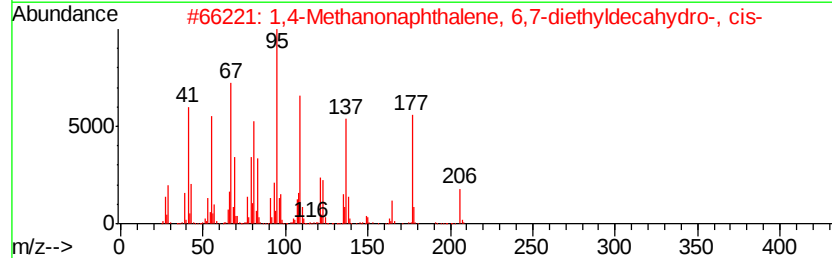
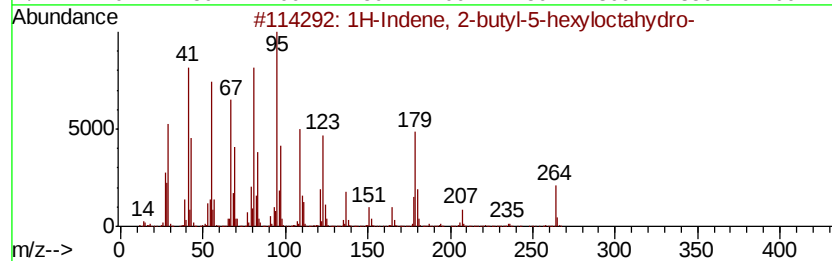
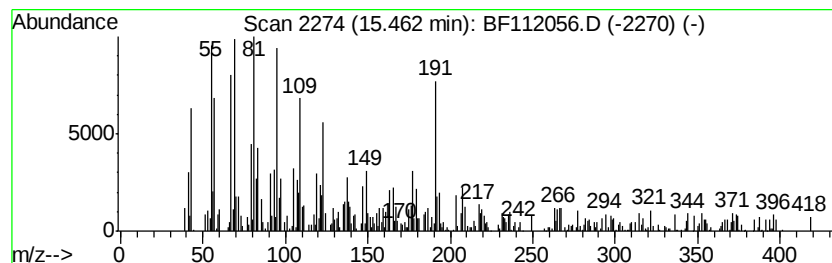
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ClientSampleId :
CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Indene, 2-butyl-5-hexylo... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.46	6.56 ng	266085	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-butyl-5-hexyloctahydro...	264	C19H36	055044-33-2	58
2	1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	51
3	4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	50
4	Methyl 2-octylcyclopropene-1-hep...	294	C19H34O2	005026-66-4	46
5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

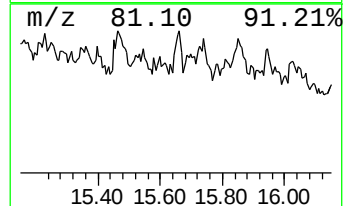
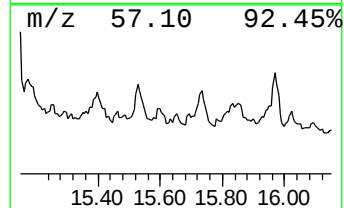
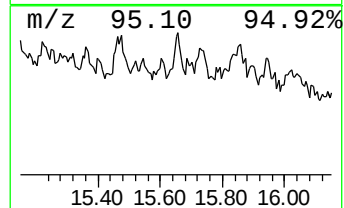
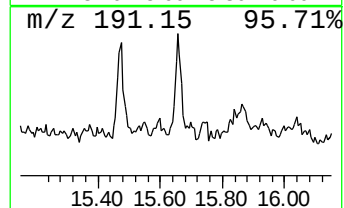
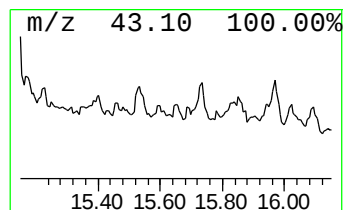
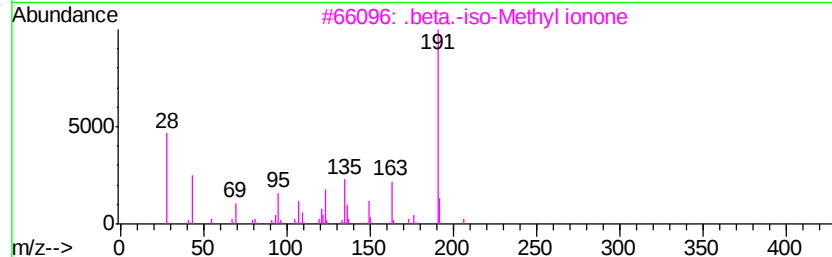
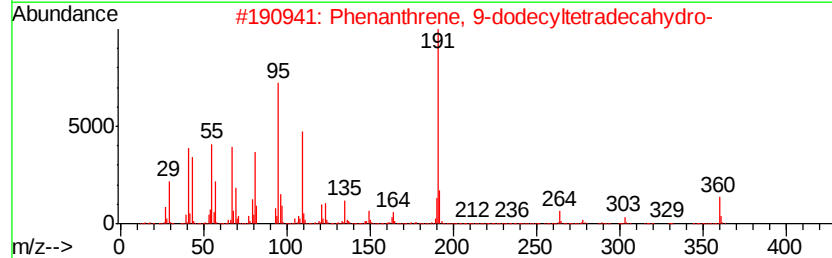
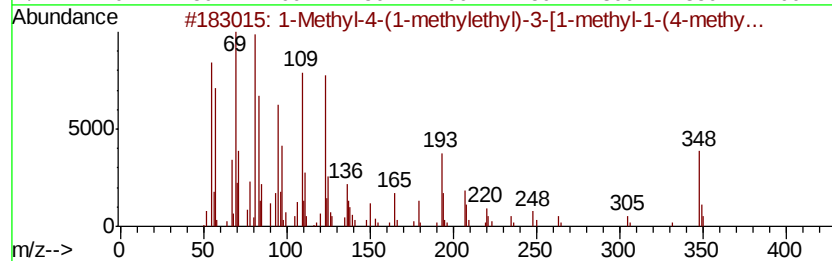
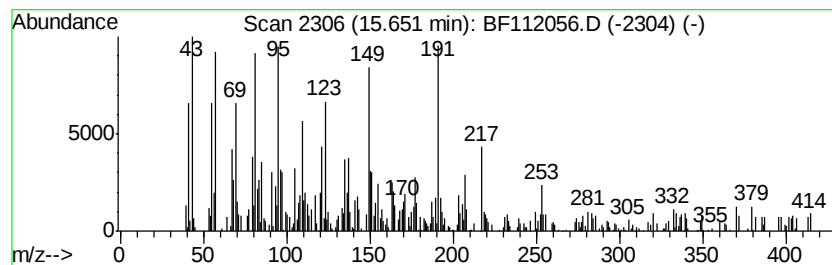
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown15.65 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.44 ng	180253	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-3-[1-...	348	C25H48	1000370-41-4	38
2			Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	35
3			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	32
4			2-Indolinol, 1-acetyl-3-methyl-	191	C11H13NO2	013303-72-5	25
5			1-(2,6-Dimethyl-4-propoxy-phenyl...	234	C15H22O2	1000190-22-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CPSB-19(15-20)

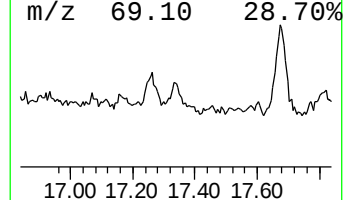
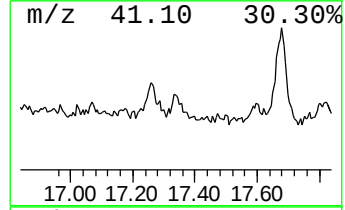
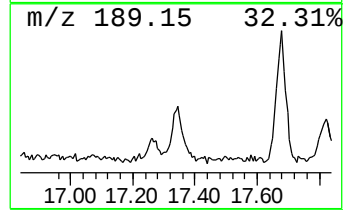
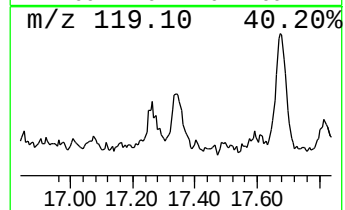
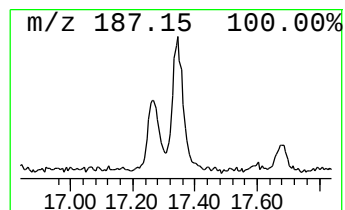
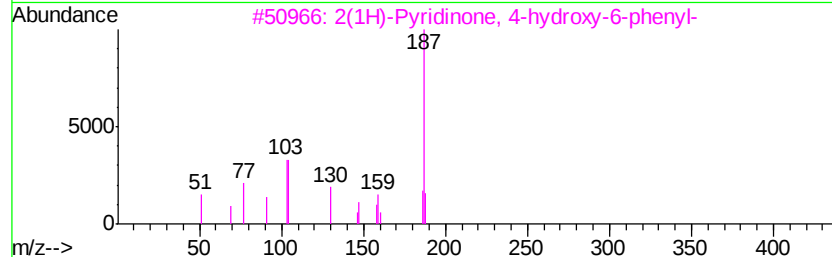
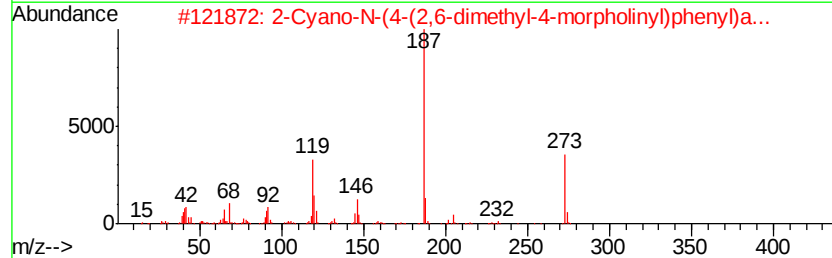
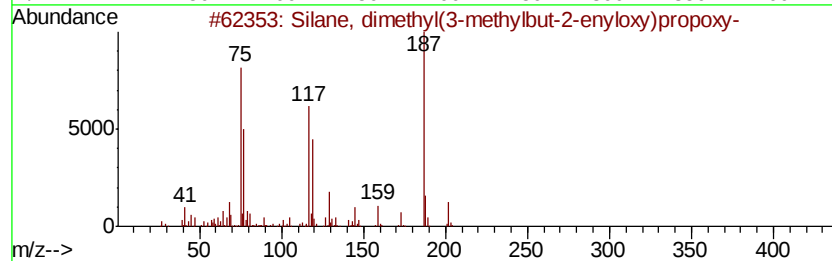
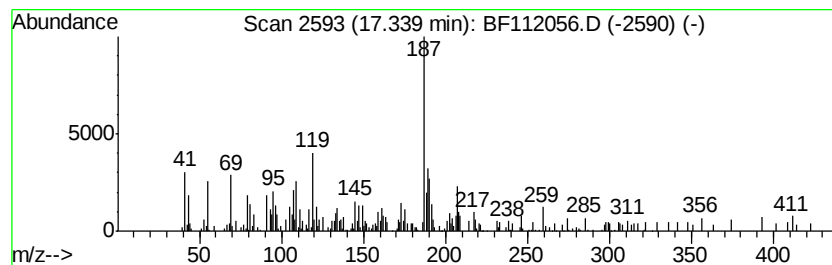
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Silane, dimethyl(3-methylbu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	10.52 ng	426746	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dimethyl(3-methylbut-2-en-2-yl)propoxy-	202	C10H22O2Si	1000347-96-2	50
2		2-Cyano-N-(4-(2,6-dimethyl-4-morpholinyl)phenyl)aniline	273	C15H19N3O2	1000332-12-1	42
3		2(1H)-Pyridinone, 4-hydroxy-6-phenyl-	187	C11H9NO2	017424-17-8	38
4		Cycloisobenzofulene, 9,10-dehydro-	202	C15H22	1000156-81-6	38
5		7-Amino-2,4-dimethyl[1,5]benzodiazepine	187	C11H13N3	022177-24-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112056.D
Acq On : 14 Jan 2019 17:46
Operator : JU/SJ
Sample : K1135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-19(15-20)

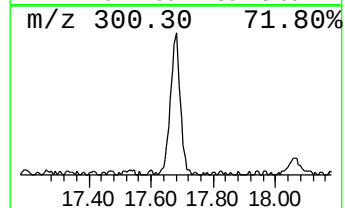
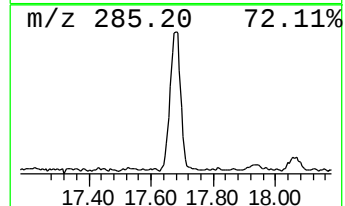
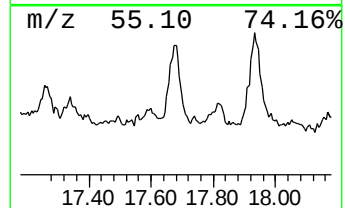
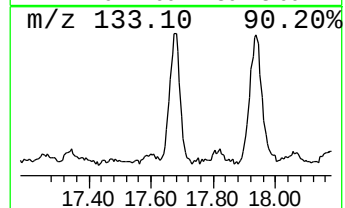
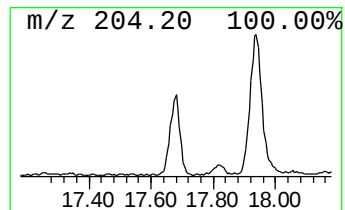
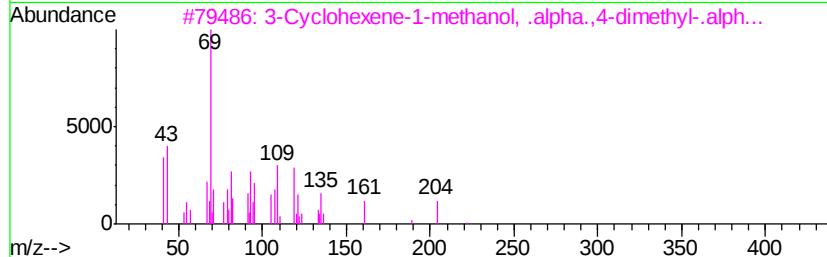
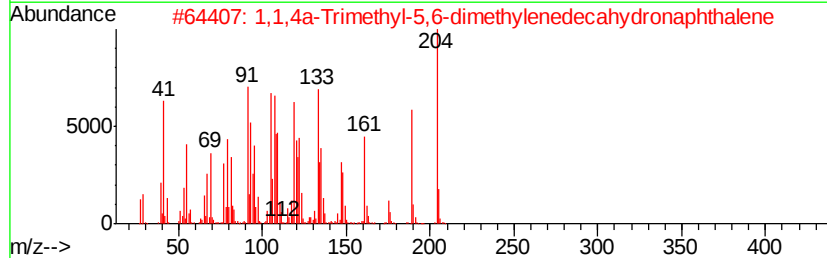
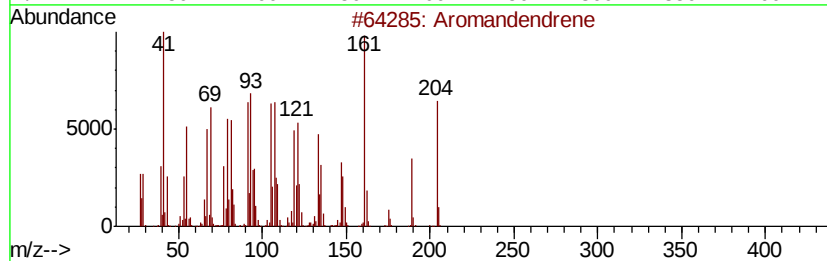
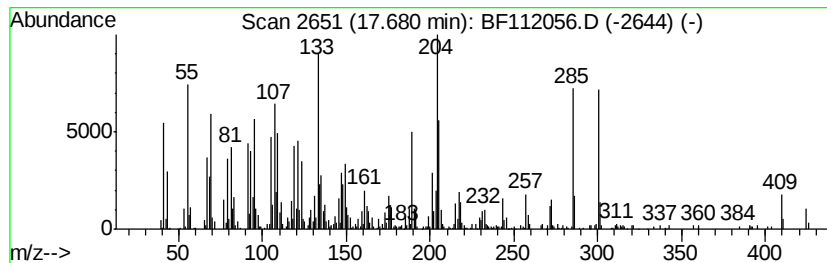
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Aromandendrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	35.03 ng	1421020	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aromandendrene	204	C15H24	000489-39-4	64
2		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
3		3-Cyclohexene-1-methanol, .alpha...	222	C15H26O	023178-88-3	44
4		9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	41
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112056.D
 Acq On : 14 Jan 2019 17:46
 Operator : JU/SJ
 Sample : K1135-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-19(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.65	6.65	53.6	ng	2888520	1	6.87	1076720	20.0
2-Bromo dodecane	10.82	6.6	ng	341605	4	11.39	1042060	20.0
Phenanthrene, 2-m...	11.92	5.8	ng	302449	4	11.39	1042060	20.0
4b,8-Dimethyl-2-i...	12.34	4.5	ng	232897	4	11.39	1042060	20.0
10,18-Bisnorabiet...	12.64	9.4	ng	491610	4	11.39	1042060	20.0
Retene	13.12	8.6	ng	337744	5	14.03	783845	20.0
5H-Pyrrolo[3,4-b]...	13.48	5.8	ng	229271	5	14.03	783845	20.0
unknown13.55	13.55	6.6	ng	256952	5	14.03	783845	20.0
Octadecanal	13.66	14.8	ng	579117	5	14.03	783845	20.0
unknown13.79	13.79	8.6	ng	337697	5	14.03	783845	20.0
Cycloeicosane	13.87	24.3	ng	953559	5	14.03	783845	20.0
E-15-Heptadecenal	14.50	8.6	ng	337886	5	14.03	783845	20.0
1,19-Eicosadiene	14.95	8.7	ng	353186	6	15.52	811312	20.0
1H-Indene, 2-buty...	15.46	6.6	ng	266085	6	15.52	811312	20.0
unknown15.65	15.65	4.4	ng	180253	6	15.52	811312	20.0
Silane, dimethyl(...	17.34	10.5	ng	426746	6	15.52	811312	20.0
Aromandendrene	17.68	35.0	ng	1421020	6	15.52	811312	20.0
1,4-Dimethyl-8-is...	17.94	52.6	ng	2135450	6	15.52	811312	20.0